

# APIs

---

## timeTable

### get /timeTable

returns all data

example

```
{
  "timeslotList": [
    {
      "id": 1,
      "dayOfWeek": "MONDAY",
      "startTime": [
        8,
        30
      ],
      "endTime": [
        9,
        30
      ]
    },
    {
      "id": 2,
      "dayOfWeek": "MONDAY",
      "startTime": [
        9,
        30
      ],
      "endTime": [
        10,
        30
      ]
    }
  ],
  "roomList": [
    {
      "id": 11,
      "name": "Room A"
    },
  ],
}
```

```

    {
        "id": 12,
        "name": "Room B"
    }
],
"lessonList": [
    {
        "id": 18,
        "subject": "Biology",
        "teacher": "C. Darwin",
        "studentGroup": "9th grade",
        "timeslot": null,
        "room": null
    },
    {
        "id": 14,
        "subject": "Math",
        "teacher": "A. Turing",
        "studentGroup": "9th grade",
        "timeslot": {
            "id": 1,
            "dayOfWeek": "MONDAY",
            "startTime": [
                8,
                30
            ],
            "endTime": [
                9,
                30
            ]
        },
        "room": {
            "id": 11,
            "name": "Room A"
        }
    }
],
"score": "-38init/0hard/0soft",
"solverStatus": "NOT_SOLVING"
}

```

post /timeTable/solve

solve problem

post /timeTable/stopSolving

stop solving problem

## Lessons

post /lessons

add lesson

request body:

```
{
  "subject": String,
  "teacher": String,
  "studentGroup": String
}
```

post /lessons/

delete lesson

id: lesson.id

## Timeslots

post /timeslots

add timeslots

request body:

```
{
  "dayOfWeek": String,
  "startTime": time,
  "endTime": time
}
```

post /timeslots/

delete timeslot

id: timeslot.id

## Rooms

post /rooms

add room

request body:

```
{  
  "name": String  
}
```

post /rooms/

delete room

id: room.id